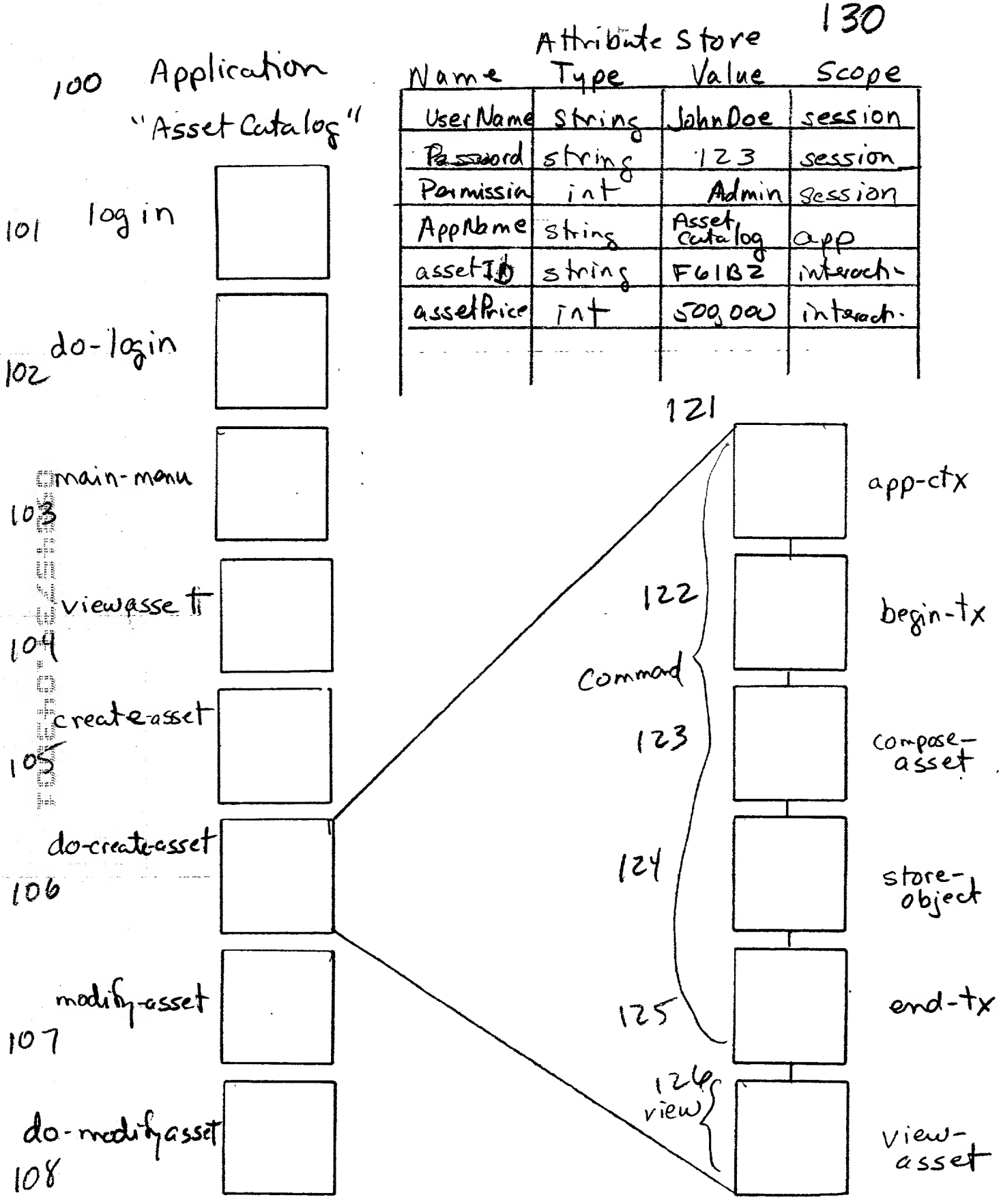
100 Application "Asset Catalog"
130
Attribute Store
Name | Type | Value | Scope
UserName | string | JohnDoe | session
Password | string | 123 | session
Permission | int | Admin | session
AppName | string | Asset Catalog | app
assetID | string | F61B2 | interact-
assetPrice | int | 500,000 | interact-
101 login
102 do-login
main-menu
103
viewasset
104
create-asset
105
do-create-asset
106
modify-asset
107
do-modify-asset
108
121
app-ctx
122
begin-tx
command
123
compose-asset
124
store-object
125
end-tx
126
view
view-asset

Fig 1

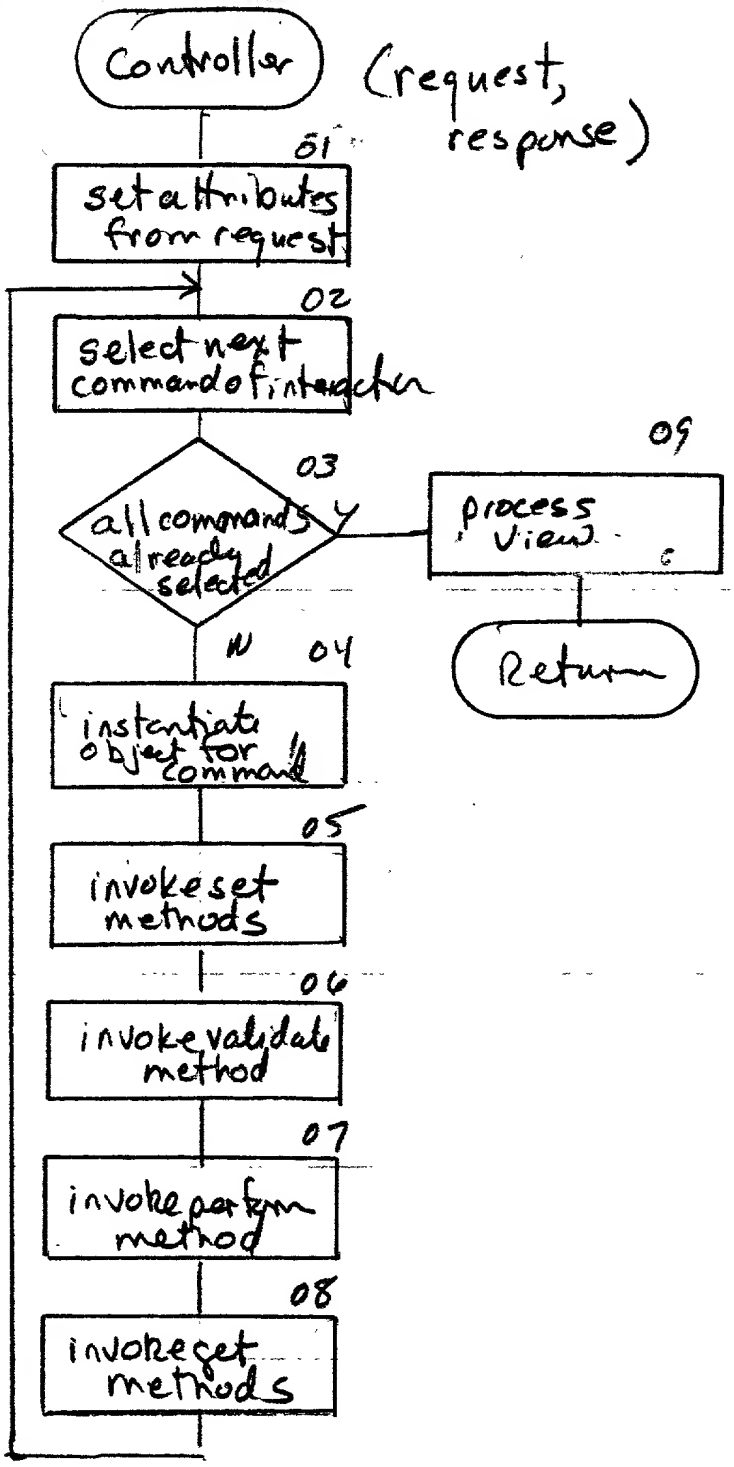
Controller
(request, response)
01
set attributes from request
02
select next command of interaction
03
all commands already selected
Y
09
process view
Return
N
04
instantiate object for command
05
invoke set methods
06
invoke validate method
07
invoke perform method
08
invoke get methods

Fig 2

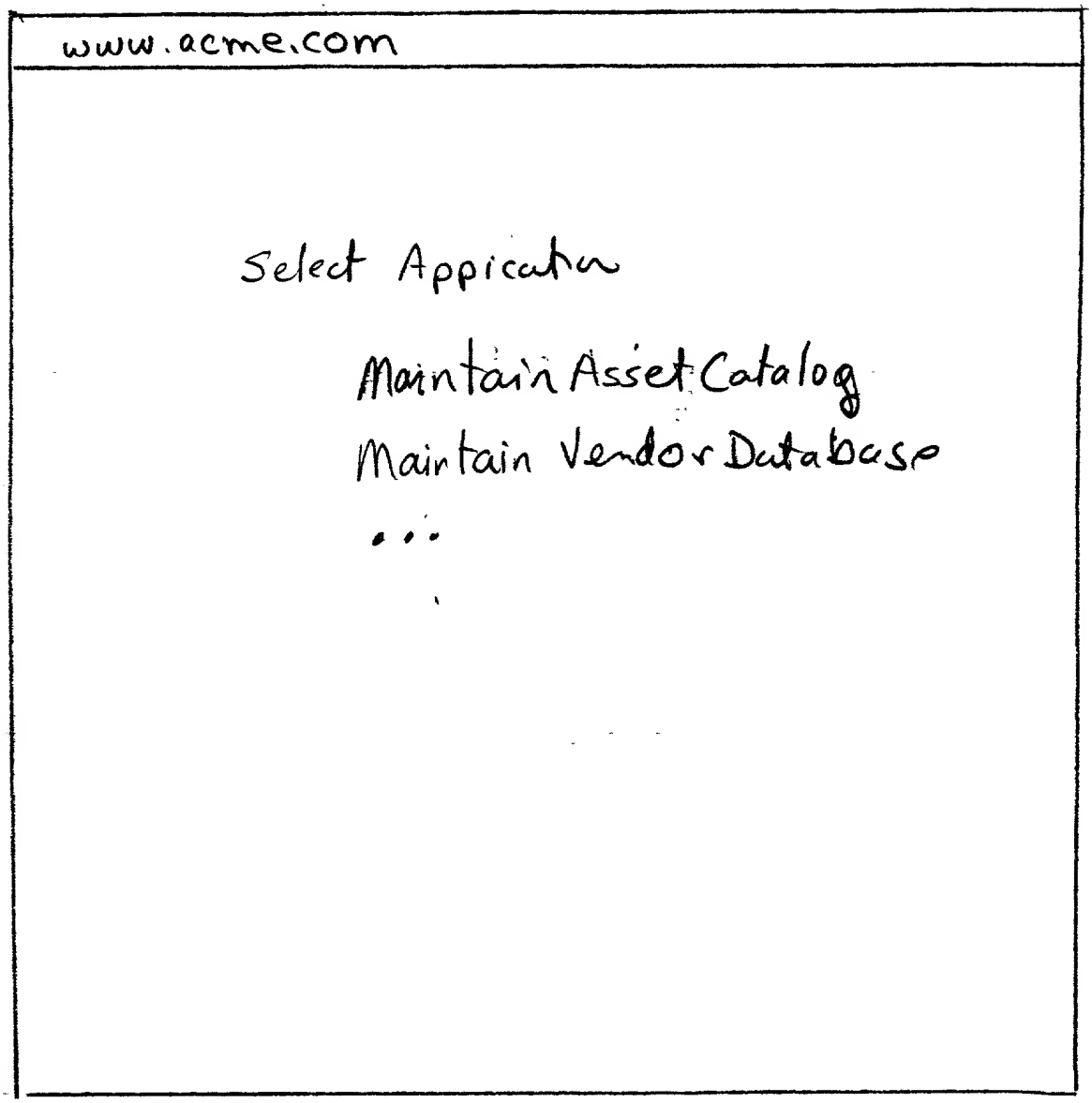
www.acme.com
Select Application
Maintain Asset Catalog
Maintain Vendor Database
...

Fig 3

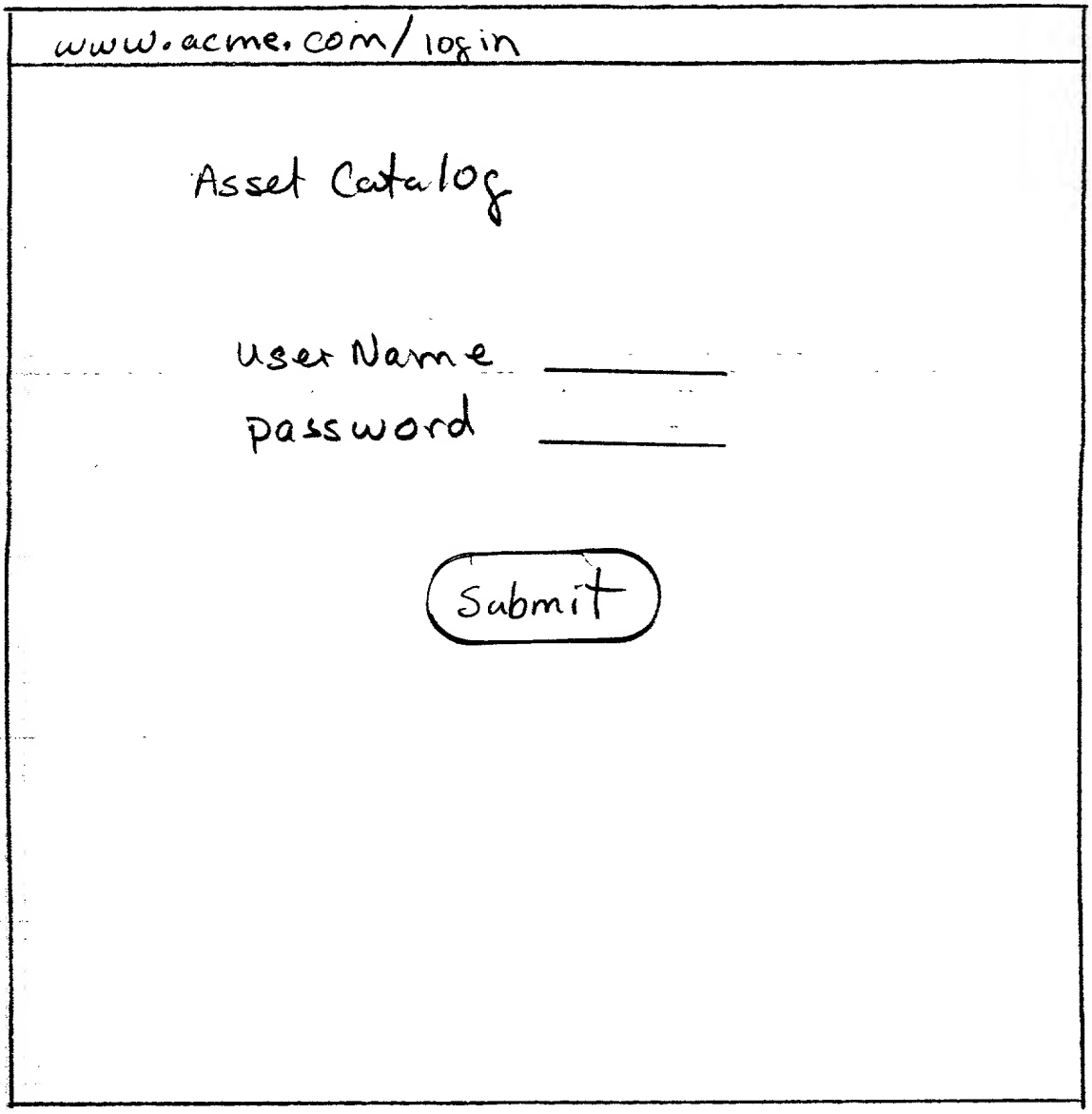

Fig 4

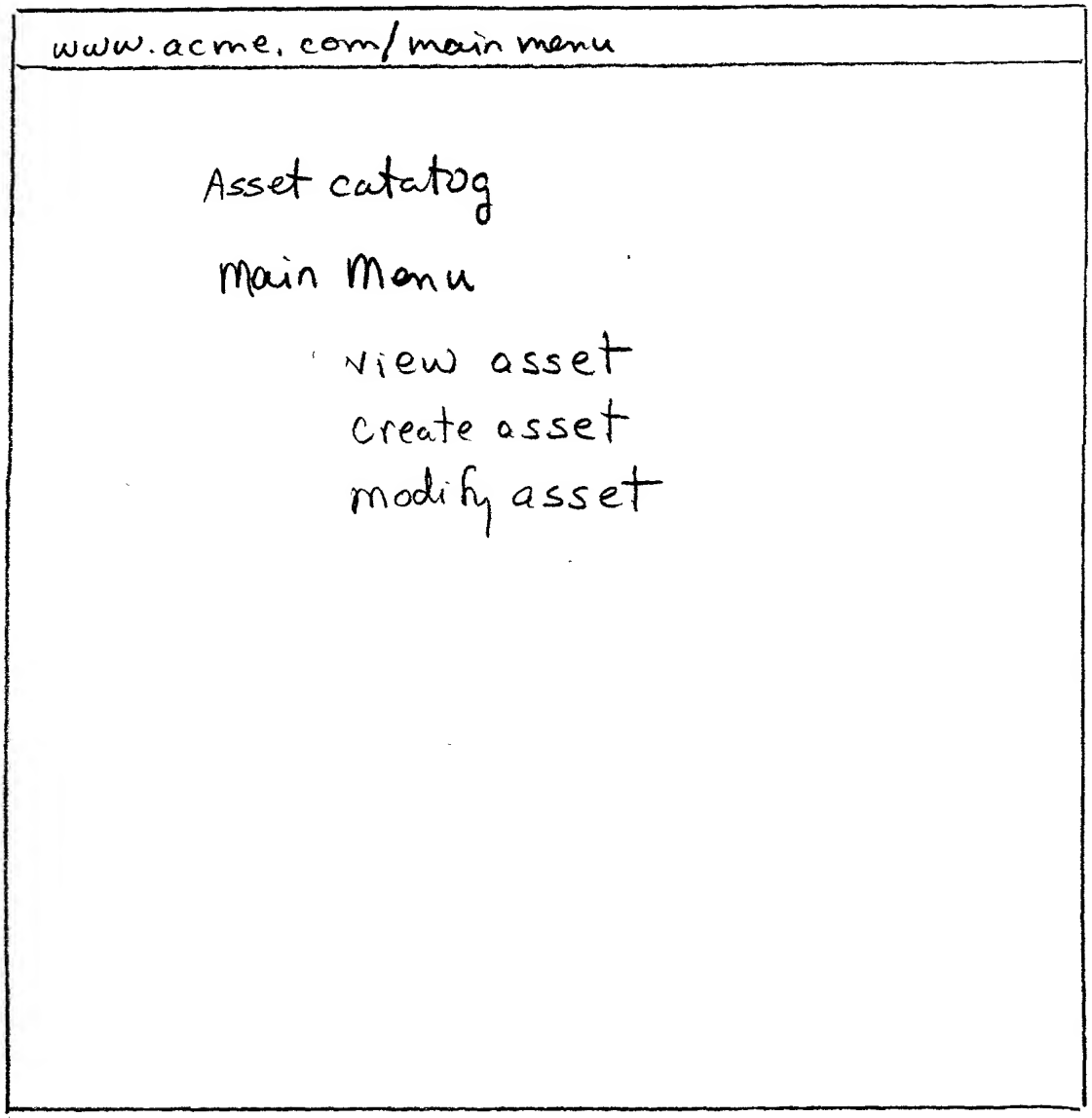
www.acme.com/main menu
Asset catalog
Main Menu
view asset
Create asset
modify asset

Fig 5

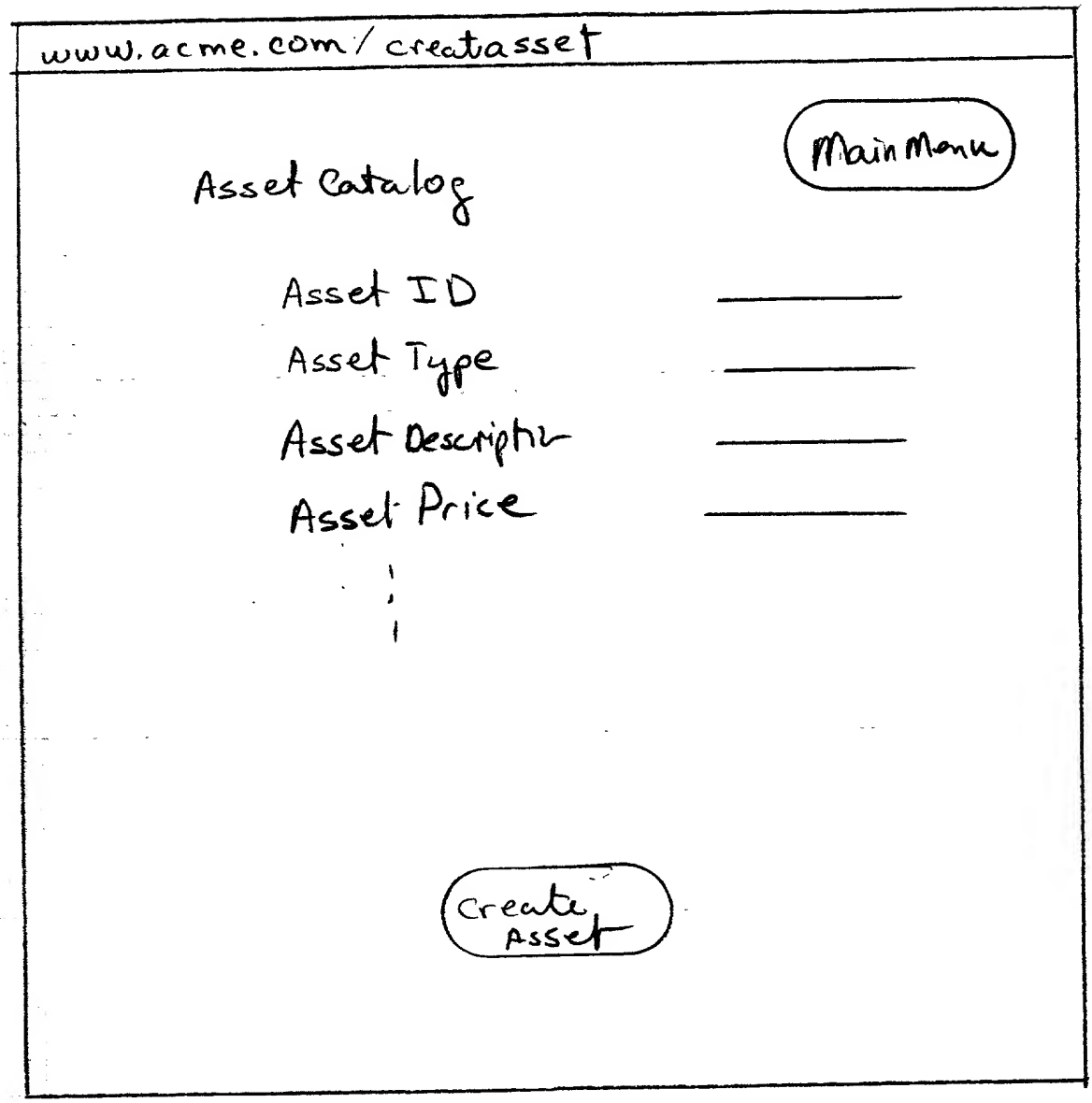
www.acme.com/createasset
Main Menu
Asset Catalog
Asset ID
Asset Type
Asset Description
Asset Price
Create Asset

Fig 6

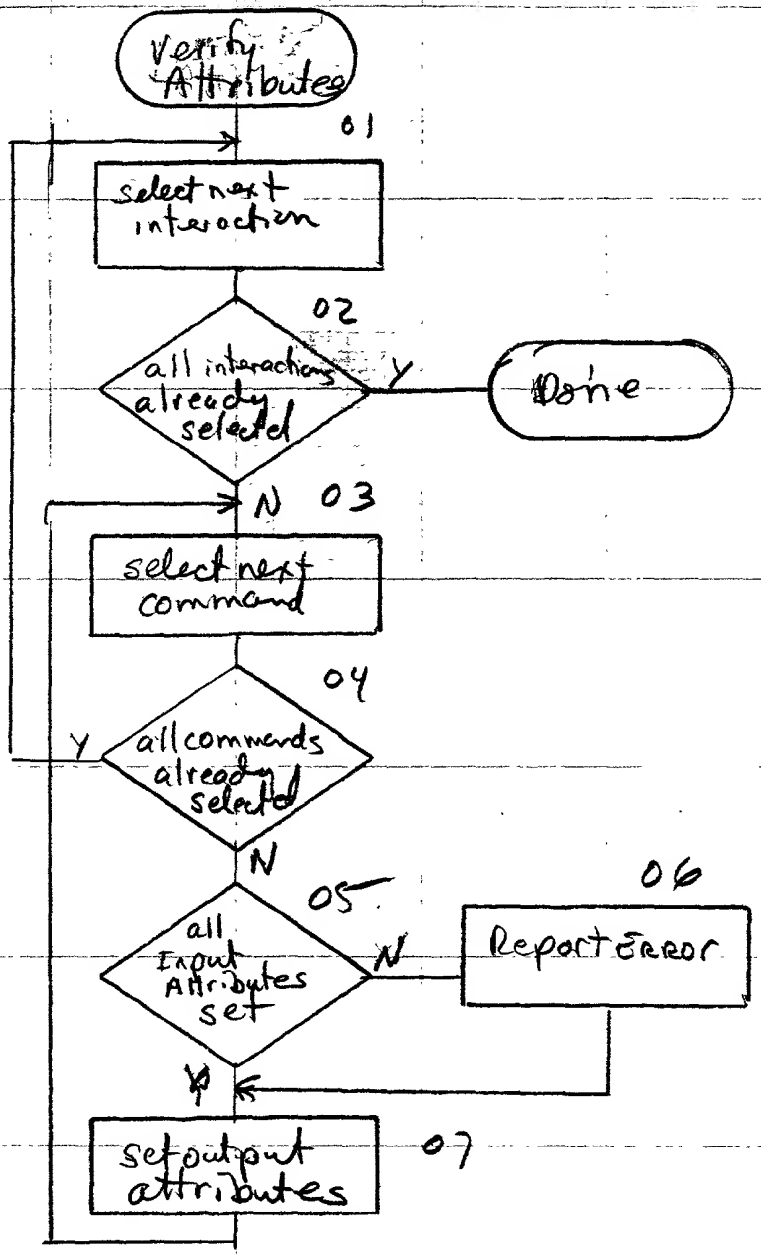
Verify Attributes
01
select next interaction
02
all interactions already selected
Y
Done
N
03
select next command
04
all commands already selected
Y
N
05
all Input Attributes set
N
06
Report Error
Y
set output attributes
07

Fig 7

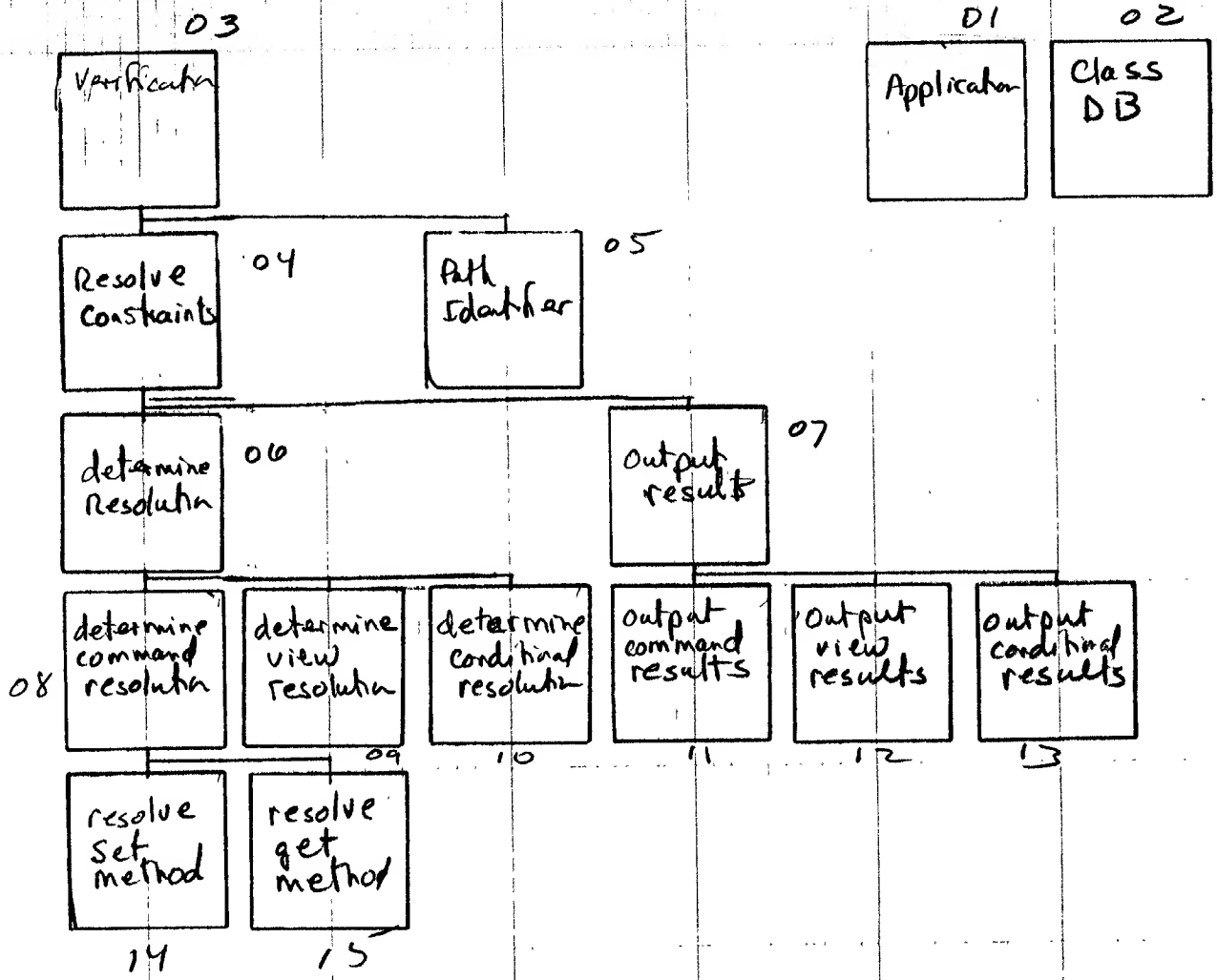
03
Verification
01
Application
02
Class DB
Resolve Constraints
04
Path Identifier
05
determine Resolution
06
Output results
07
08
determine command resolution
determine view resolution
09
determine conditional resolution
10
output command results
11
Output view results
12
output conditional results
13
resolve Set method
14
resolve get method
15

Fig 8

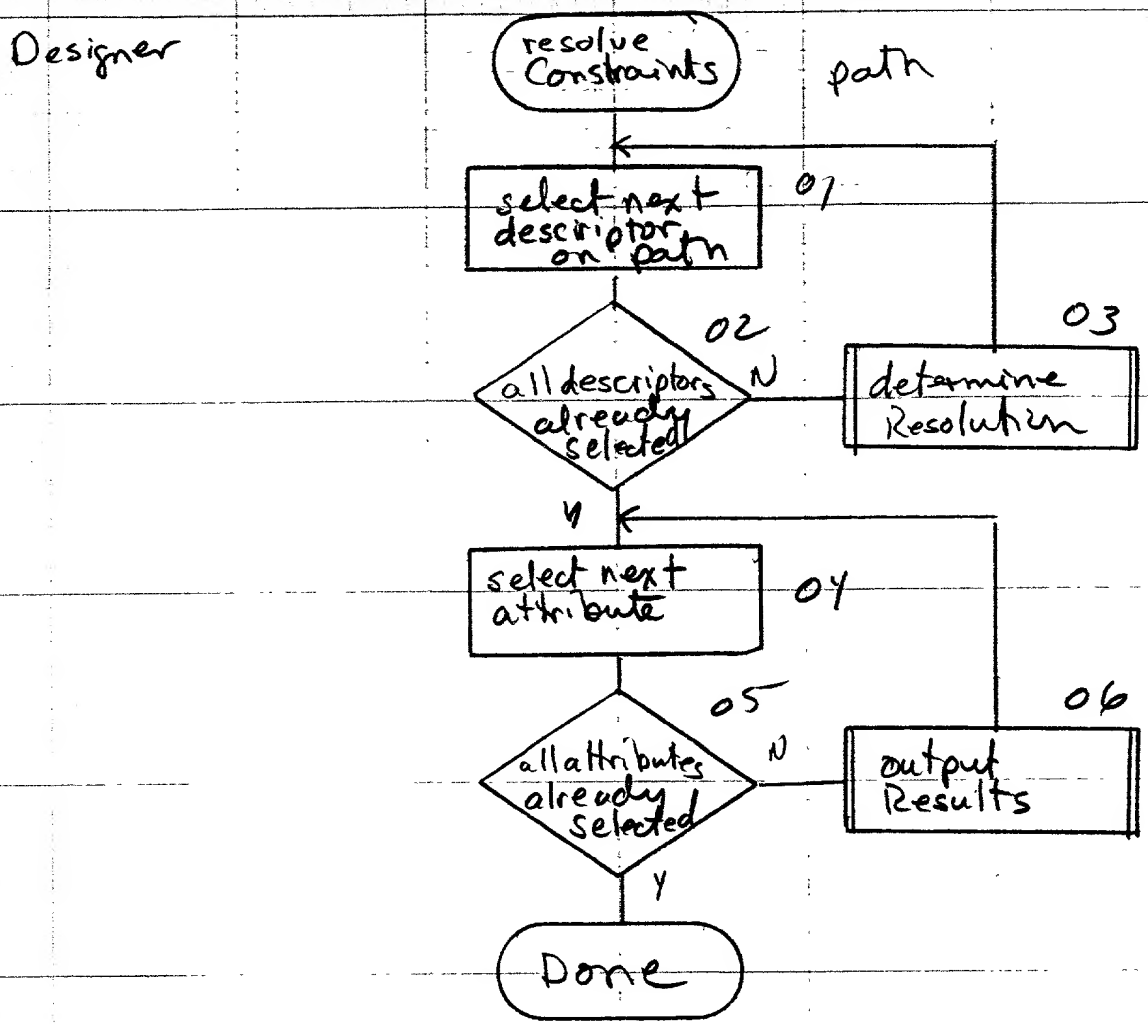
Designer
resolve Constraints
path
select next descriptor on path
01
02
all descriptors already selected
N
03
determine Resolution
Y
select next attribute
04
05
all attributes already selected
N
06
output Results
Y
Done

Fig 9

Designer

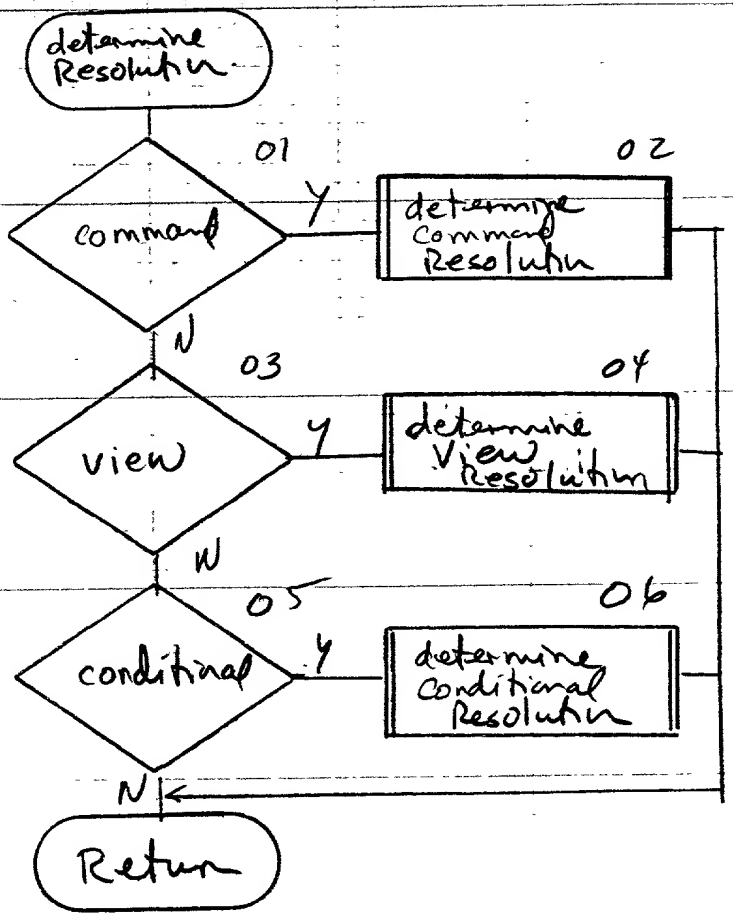

Fig10

Designer

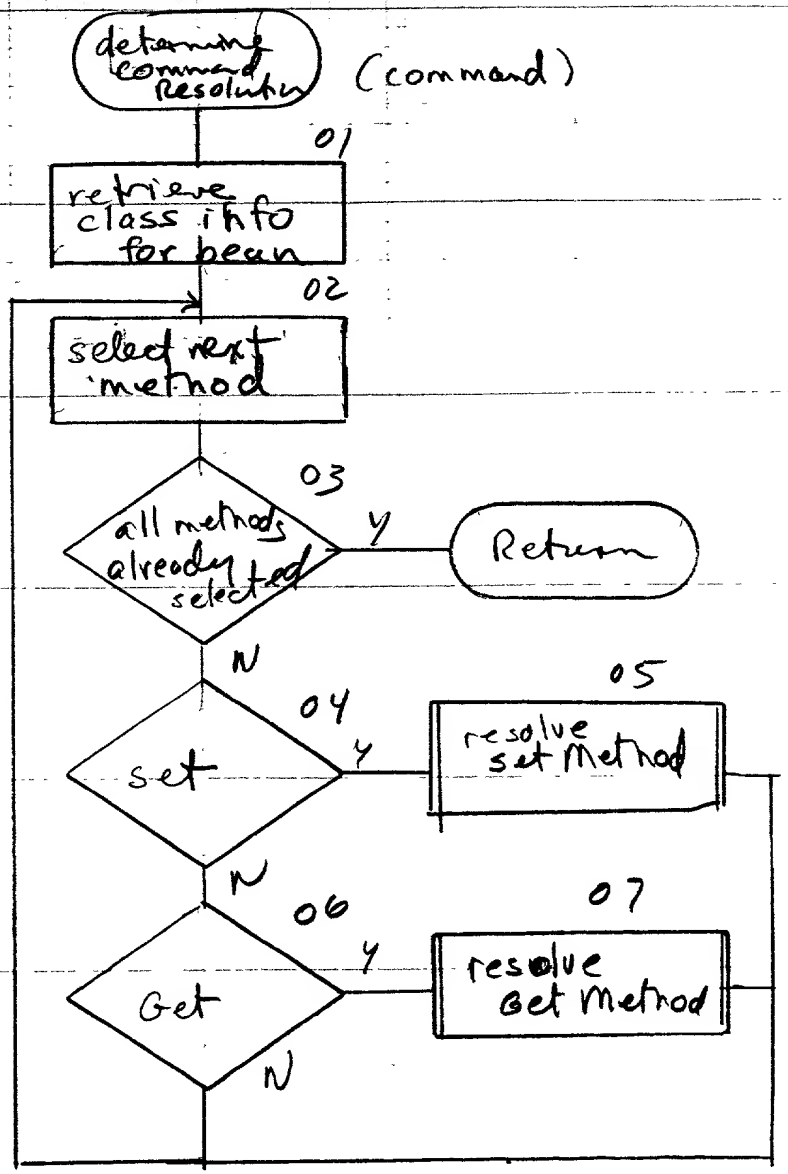

Fig 11

Designer

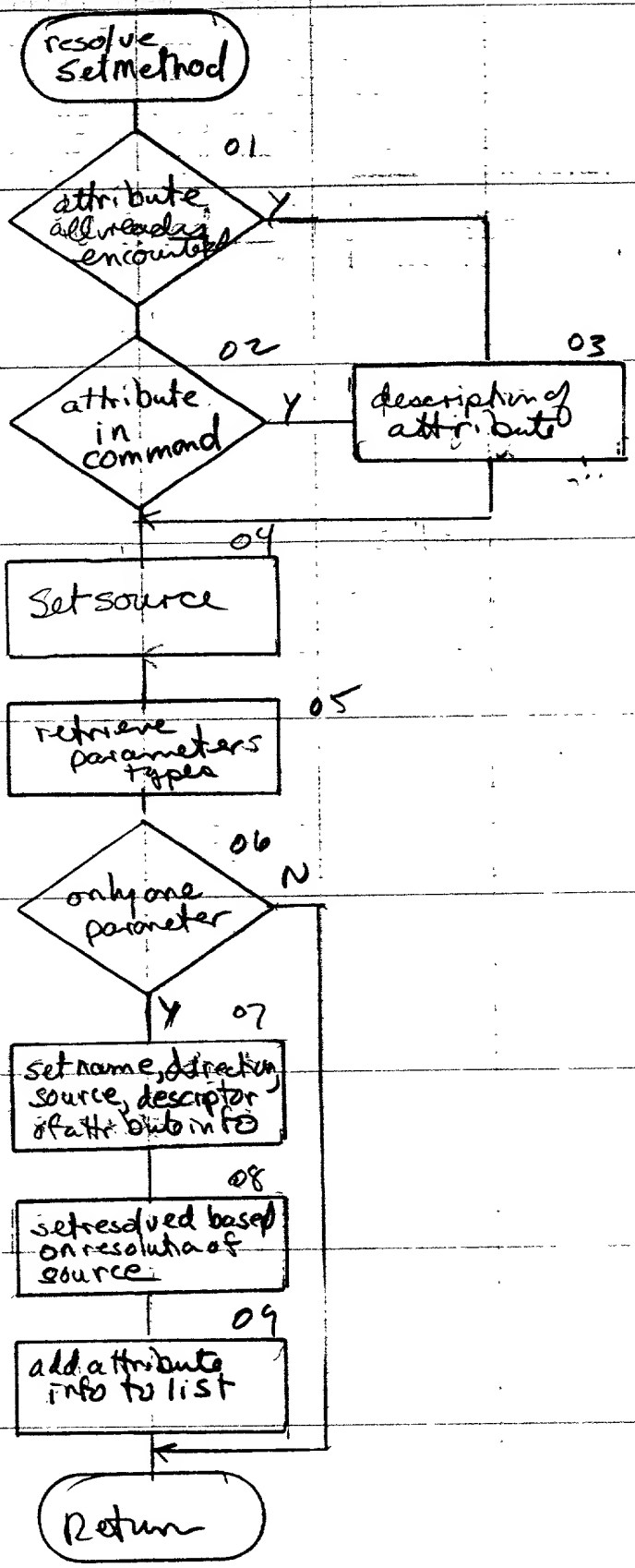

Fig 12

Designer

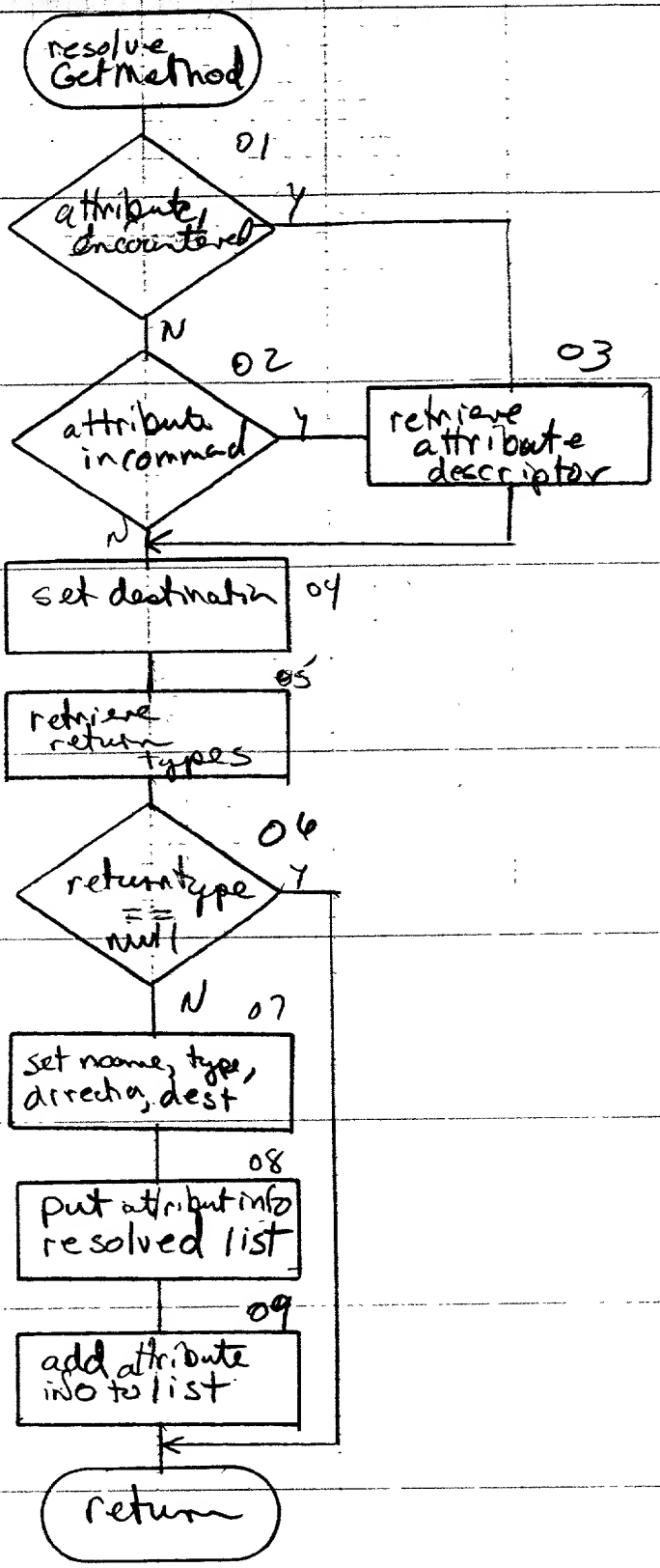

Fig 13

Designe

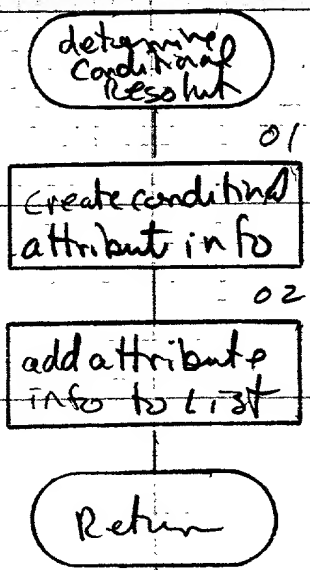

Fig 14

Designe

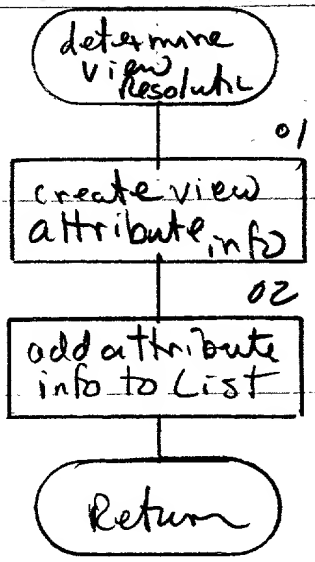

Fig 15

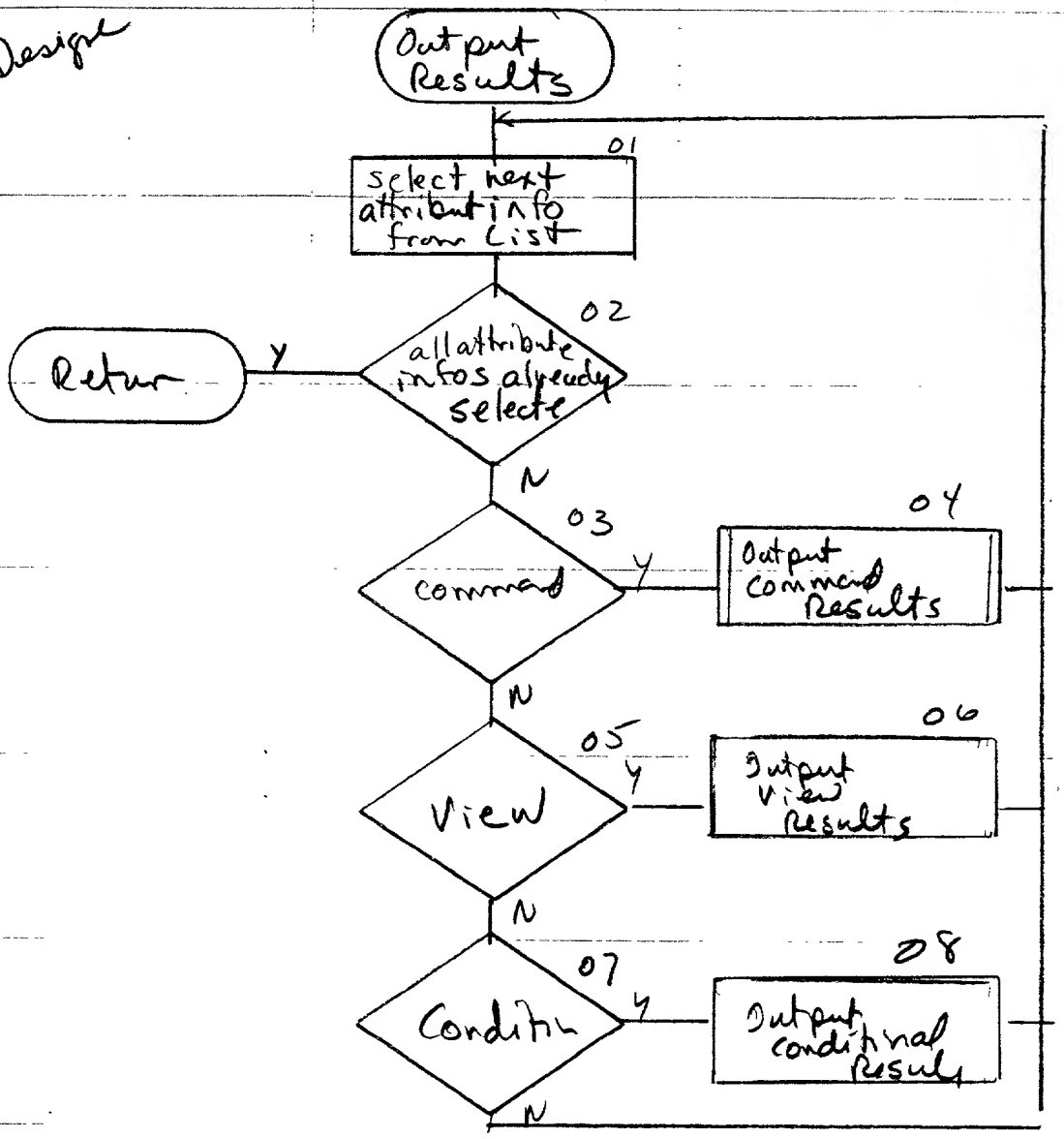
Design
Output Results
01
select next attribut info from List
02
all attribute infos already selecte
Retur
Y
N
03
command
Y
04
Output command Results
N
05
View
Y
06
Output View Results
N
07
Conditi-
Y
08
Output conditional Result
N

Fig16

Designe

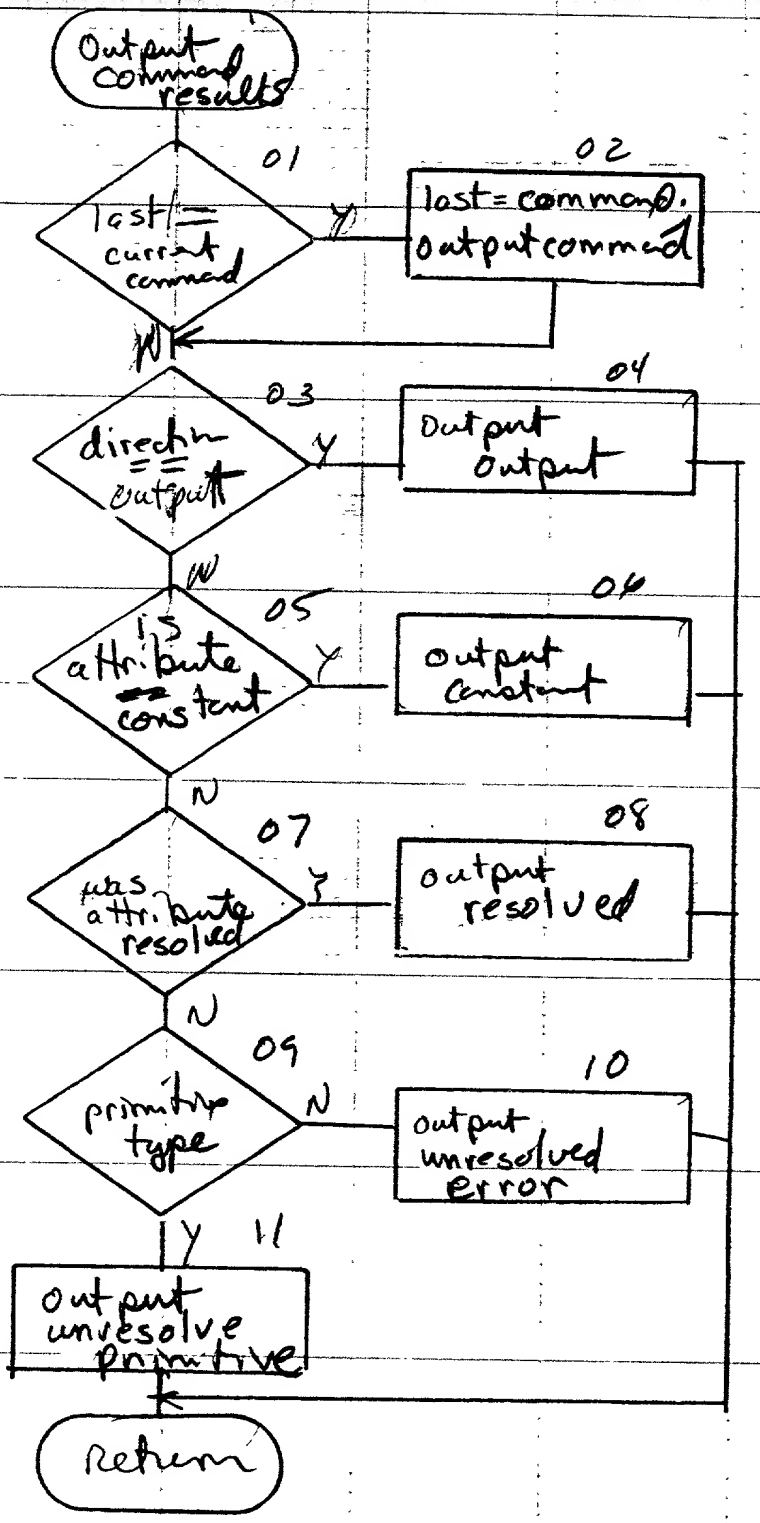

Fig 17